

LISTING OF THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Canceled)

2. (Previously Presented) The system according to claim 15, wherein the data analysis unit connected to the contracted service module is operative to inform said contracted service module every time the data analysis unit detects an entrance/exit of a subscriber unit in a foreign network, in order to enable the contracted service module to provide said contracted advanced services in real time to the subscriber unit in the foreign network, without having to make prior consultations.

3. (Previously Presented) The system according to claim 15, wherein the system further comprises:

an event-based service module; and

an event generator connected to the event-based service module and operable to generate at a timing of the event generator a contracted advanced service for the subscriber unit located in the foreign network, the event-based service module accessing the second data storage unit to obtain the identifying data in order to provide the contracted advanced service to the subscriber unit.

4. (Previously Presented) The system according to claim 15, wherein the second data storage unit is arranged to contain data regarding features of each foreign network, such that the system is operable to determine which network different received data belong to, and to adapt the contracted advanced services to the features of the foreign network in which the subscriber unit is located.

5. (Previously Presented) The system according to claim 2, wherein the data analysis unit is arranged so that when entrance of the subscriber unit into a foreign network is detected, said data analysis unit registers that the subscriber unit has entered into the foreign network, and

causes this information to be stored in the second data storage unit, the current subscriber location to be updated and communicated to the contracted service module.

6. (Previously Presented) The system according to claim 2, wherein the data analysis unit is operative to detect the exit of a subscriber unit from the foreign network, and to verify whether notification has been received that the subscriber unit has entered into another foreign network, the data analysis unit further being operative so that:

if the result of the verification is affirmative, the data analysis unit considers that the subscriber unit has entered into the other foreign network, and causes the current subscriber location to be stored in the second data storage unit, and communicated to the real time service module; whereas

if the result of the verification is negative, the data analysis unit consults the home network to verify whether the subscriber unit has again entered the home network, and if an affirmative response is obtained, the data analysis unit causes the corresponding entry in the second data storage unit to be eliminated and causes this negative result to be reported to the real time service module.

7. (Previously Presented) The system according to claim 15, wherein the second data storage unit is operable to store a log of all the visits made by the subscriber unit to the foreign network so as to enable consultation thereof by another system on another side of the gateway from the system.

8. (Previously Presented) The system according to claim 2, wherein the system further comprises an event-based service module; and

an event generator connected to the event-based service module and operable to generate at a timing of the event generator a contracted advanced service for the subscriber unit located in the foreign network, the event-based service module accessing the second data storage unit to obtain the identifying data in order to provide the contracted advanced service to said subscriber.

9. (Previously Presented) The system according to claim 2, wherein the second data storage unit is operative to store a log of all the visits made by the subscriber unit and any other

subscriber units of the home network to the foreign network or any other foreign network so as to enable consultation thereof by other systems.

10. (Previously Presented) The system according to claim 3, wherein the second data storage unit is operative to store a log of all the visits made by the subscriber unit and any other subscriber units of the home network to the foreign network or any other foreign network so as to enable consultation thereof by other systems.

11. (Previously Presented) The system according to claim 4, wherein the second data storage unit is operative to store a log of all the visits made by the subscriber unit and any other subscriber units of the home network to the foreign network or any other foreign network so as to enable consultation thereof by other systems.

12. (Previously Presented) The system according to claim 5, wherein the second data storage unit is operative to store a log of all the visits made by the subscriber unit and any other subscriber units of the home network to the foreign network or any other foreign network so as to enable consultation thereof by other systems.

13. (Previously Presented) The system according to claim 6, wherein the second data storage unit is operative to store a log of all the visits made by the subscriber unit and any other subscriber units of the home network to the foreign network or any other foreign network so as to enable consultation thereof by other systems.

14. (Previously Presented) The system according to claim 8, wherein the second data storage unit is operative to store a log of all the visits made by the subscriber unit and any other subscriber units of the home network to the foreign network or any other foreign network so as to enable consultation thereof by other systems.

15. (Currently Amended) A system for tracking a mobile telephone subscriber unit traveling between a home network of the mobile subscriber unit and a foreign network to enable provision, as contracted advanced services, services that are not provided for in general mobile

telephony standards but which are contracted for by said subscriber unit in the home network, when said subscriber unit is in the foreign network, and for storing information indicative thereof, the home network and the foreign network being part of a plurality of mobile telephone networks interconnected through a gateway, said gateway being arranged to provide communication with the mobile subscriber unit accessing the foreign network and to provide, as part of the normal operation of the networks, for the transmission of signaling parameters between the foreign network and the home network, said signaling parameters including an indication of the mobile subscriber unit entering and exiting the foreign network, as well as data regarding the foreign network and data regarding the mobile subscriber unit, the home network including a first data storage unit operative to store an indication that said mobile subscriber unit is in the foreign network in response to said signaling parameters, the system comprising:

- a data processing unit connected between the gateway and the home network;

- a data analysis unit coupled to the data processing unit;

- a second data storage unit connected between the gateway and the home network and coupled to the data processing unit; and

- a contracted service module connected between the gateway and the home network;

said data processing unit being operative to detect, on the basis of information transmitted through the gateway, the signaling parameters including the indication of entrance and exit of the mobile subscriber unit in and from the respective foreign network, the data regarding the foreign network and the data regarding the mobile subscriber unit, and operative to separate and send the detected signaling parameters to the data analysis unit;

the data analysis unit being operative to identify the mobile subscriber unit of the associated home network entering and exiting a foreign network, and to generate identifying data that identify the mobile subscriber unit located in the foreign network, and operative to provide the identifying data generated thereby to the second data storage unit;

the second data storage unit being operative to store the identifying data, and to store, as features data, data regarding the contracted advanced services of the foreign network; and

the contracted service module operable to provide the contracted advanced services to the mobile subscriber unit in the foreign network in real time by referring only to the identifying data stored in the second data storage unit to determine the location of the mobile subscriber unit, and by referring to the features data stored in the second data storage unit to determine whether the

mobile subscriber unit is capable of receiving the contracted advanced services in the foreign network.

16. (Previously Presented) The system according to claim 15, wherein the contracted advanced services include a news service comprising providing news content to the mobile subscriber unit.

17. (Currently Amended) A contracted service module operable to provide contracted advanced services to a mobile subscriber unit traveling in a foreign network with reference to identifying data and features data regarding the contracted advanced services provided by the foreign network, the contracted advanced services being services that are not provided for in general mobile telephony standards but which are contracted for by the mobile subscriber unit in the home network, the home network and the foreign network being part of a plurality of mobile telephone networks interconnected through a gateway arranged to provide communication with the mobile subscriber unit accessing the foreign network and to transmit signaling parameters between the foreign network and the home network as part of general telephony operation, said signaling parameters including an indication of the mobile subscriber unit entering and exiting the foreign network, data regarding the foreign network and data regarding the mobile subscriber unit, the home network including a first data storage unit operable to store an indication that the mobile subscriber unit is present in the foreign network based on the signaling parameters and the contracted service module, the contracted service module comprising:

a second data storage unit operable to store identifying data for identifying the mobile subscriber unit traveling in a foreign network and features data regarding contracted advanced services provided by the foreign network; and

a contracted service unit operable to provide the contracted advanced services to the mobile subscriber unit traveling in the foreign network in real time by referring only to the identifying data stored in the second data storage unit to determine the location of the mobile subscriber unit and by referring to the features data stored in the second data storage unit to determine whether the mobile subscriber unit is capable of receiving the contracted advanced services in the foreign network.